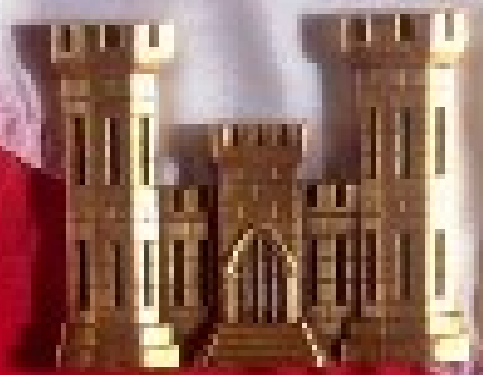
U.S. Army Corps of Engineers
St. Paul District
Channels & Harbors Project
2007 Activities



Presentation for

River Resources Forum

by

Lisa Lund

Channels & Harbors Project

Office Staff

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Operations Manager

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Dredged Material Manager

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Channel Manager

2007 Dredging Summary

2007 DREDGING SUMMARY - ST. PAUL DISTRICT										
POOL	DREDGE CUT NAME	RIVER MILE	EQUIP	DATE	DEPTH (FT)	QUANTITY (CY)	PLCMT SITE LOC & TYPE	JOB TYPE*	CAT	PLCMT CLASS
MN	Peterson's Bar	11.8-12.5	CM1	07/29-08/10	12	16,007	MN-12.1-RMP	E	L1/B	U
MN	Cargill	12.6-12.8	CM1	08/10-08/14	12	7,939	MN-12.1-RMP	E	L1/B	U
MN	Abv Savage RR Bridge	14.6-14.7	CM1	08/15-08/20	12	8,912	MN-12.1-RMP	E	L1/B	U
MN	Peterson's Bar	12.1-12.3	CM1	09/12-09/14	12	5,836	MN-12.1-RMP	R	L1/B	U
2	Boulanger Bend Lwr Light	820.0-820.2	CM1	08/22-08/28	12	9,054	2-821.5-LMT	R	S/B	C
2	Freeborn Island	818.4-818.8	CM1	08/28-09/10	12	24,577	2-821.5-LMT	R	S/B	C
3	Coulters Island	801.6-802.0	CM1	09/17-09/26	12	15,601	3-799.2-RMT	I	S/A	C
4	Reads Landing	762.6-762.8	GTZ	07/05-07/10	12	20,268	4-762.7-LWT	R	S/A	C
4	Crats Island	758.9-759.2	GTZ	07/12-07/18	12	40,926	4-759.3-LWT	R	S/A	C
4	Teepeeota Point	757.4-757.9	GTZ	07/19-07/30	12	19,209	4-757.5-LWT	R	S/A	C
4	Red Wing SBH	791.1-791.2	CM3	8/20-11/09	6	21,000	4-791.6-RMP	R	L1/A	U
5	Fisher Island	745.0-745.3	GTZ	06/18-06/21	12	24,765	5-744.7-LWT	R	S/A	C
5	Mule Bend	748.5-748.9	GTZ	06/22-06/27	12	15,759	5-748.0-RMT	R	S/A	C
5	West Newton	747.8-748.3	GTZ	06/27-07/02	12	16,982	5-748.0-RMT	R	S/A	C
5	Upper Zumbro	750.0-750.3	CM1	11/06-11/07	12	4,921	5-748.0-RMT	R	S/A	C
5A	Betsy Slough	731.3-732.0	GTZ	05/30-06/06	13	45,017	5A-731.9-LWP	R	L1/A	U
5A	Betsy Slough	731.0-731.1	GTZ	06/07-06/08	13	7,216	5A-730.5-LWT	R	S/A	C
5A	Wilds Bend	730.3-730.6	GTZ	06/08-06/14	12	30,097	5A-730.5-LWT	R	S/A	C
6	Blw Winona RR Bridge	723.4-723.7	CM1	10/25-10/30	12	5,940	6-720.5-RMP	R	L1/A	U
6	Gravel Point	722.8-723.1	CM1	10/30-11/05	12	9,373	6-720.5-RMP	R	L1/A	U
7	Lower Dresbach Is	703.2-703.6	GM	04/10-05/03	12	6,107	7-706.5-RMT	I	S/A	C
7	Lower Dresbach Is	703.1-703.6	CM1	06/08-07/02	12	31,455	7-714.1-LWP	R	L1/A	U
7	Winters Landing	707.7-708.1	CM1	07/03-07/20	12	32,663	7-714.1-LWP	R	L1/A	U
8	Abv Brownsville	690.0-690.9	GTZ	08/06-08/23	12	51,809	8-690.4-LWT	R	S/A	C
8	Deadmans Slough	686.5-687.5	CM1	09/28-10/10	12	34,246	8-688.7-RMP	R	L1/A	U
8	Head of Raft Channel	688.0-688.1	CM1	10/11-10/15	12	5,362	8-688.7-RMP	R	L1/A	U
8	Root River	693.0-693.7	CM1	10/18-10/23	12	5,712	8-695.7-LWP	I	L1/A	U
9	Lansing Upper Light	664.1-664.8	GTZ	08/28-09/07	12	44,806	9-663.5-LWP	I	L1/A	U
9	Indian Camp Light	665.5-665.8	CM1	10/15-10/17	12	9,836	9-663.5-LWP	I	L1/A	U
10	McMillian Island	618.1-618.9	GTZ	09/12-09/18	12	32,707	10-618.7-RIT	R	S/A	C

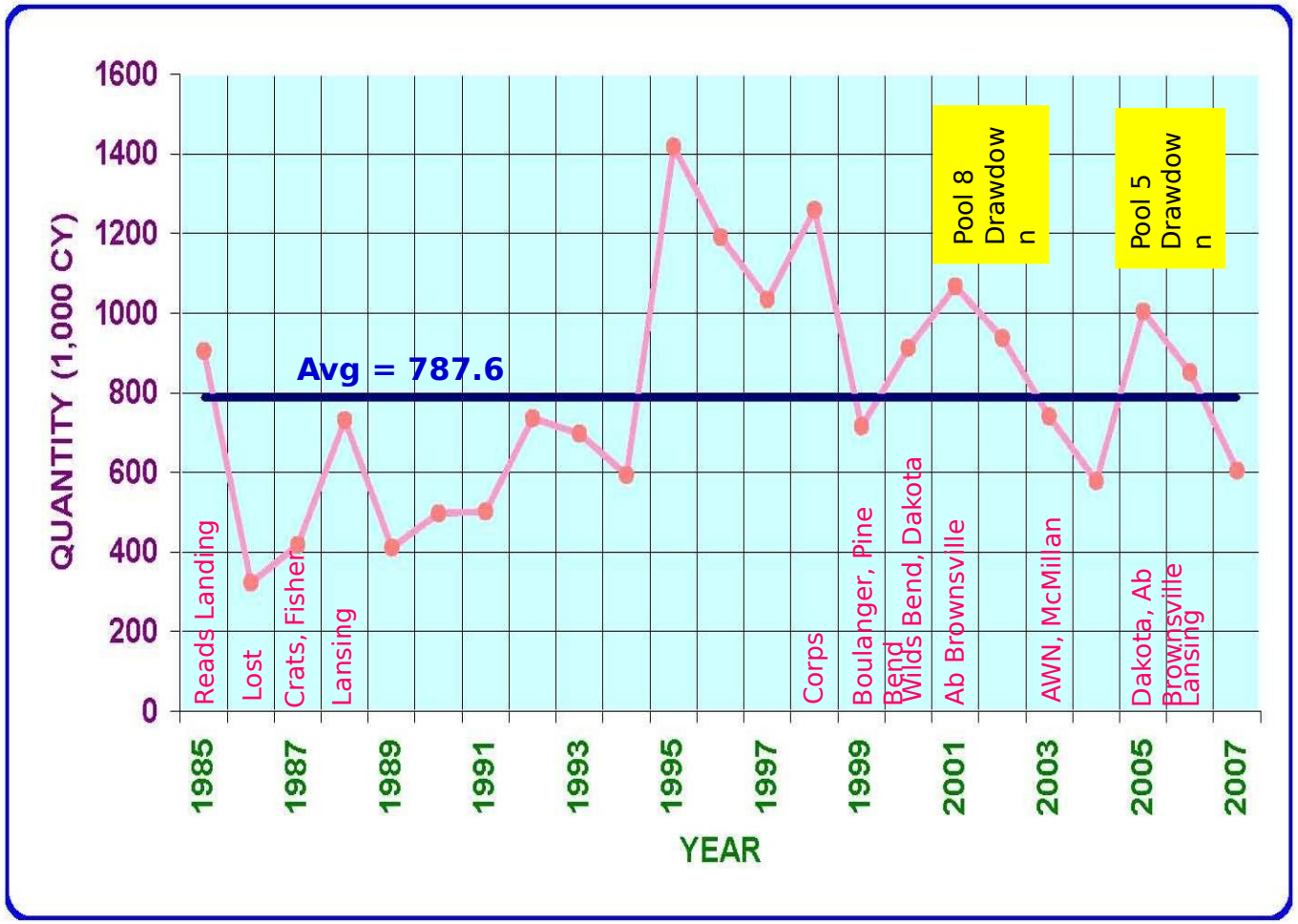
		GTZ	DBQ	GM	CM1/2/3	CH	TOTAL	2007 Beneficial Use Update	
2007 CALENDAR YEAR	MISS RIVER	349,561	0	6,107	38,694	0	394,362		
	MINN RIVER	0	0	0	188,740	0	188,740	Total Beneficial Use	604,102
	ST CROIX RIVER	0	0	0	0	0	0	Total Qnty Dredged	604,102
	HARBORS	0	0	0	21,000	0	21,000		
	TOTAL	**349,561**	**0**	**6,107**	**248,434**	**0**	**604,102**		
	% of TOTAL	**57.9%**	**0.0%**	**1.0%**	**41.1%**	**0.0%**		Beneficial Use Qnty	100%
07 FISCAL YEAR	MISS RIVER	349,561	0	6,107	164,396	0	520,064		
	MINN RIVER	0	0	0	38,694	0	38,694	Total Jobs w/Ben Use	30
	ST CROIX RIVER	0	0	0	0	0	0	Total Jobs	30
	HARBORS	0	0	0	0	0	0		
	TOTAL	**349,561**	**0**	**6,107**	**203,090**	**0**	**558,758**	Beneficial Use Jobs	100%

* OSIT coordination was completed prior to dredging, dredging practices were routine, placement site used was previously approved, and placement methods did not change from past practice at the site. No after action report will be completed, as all information necessary is contained in this dredging summary.

Dredge Quantity History

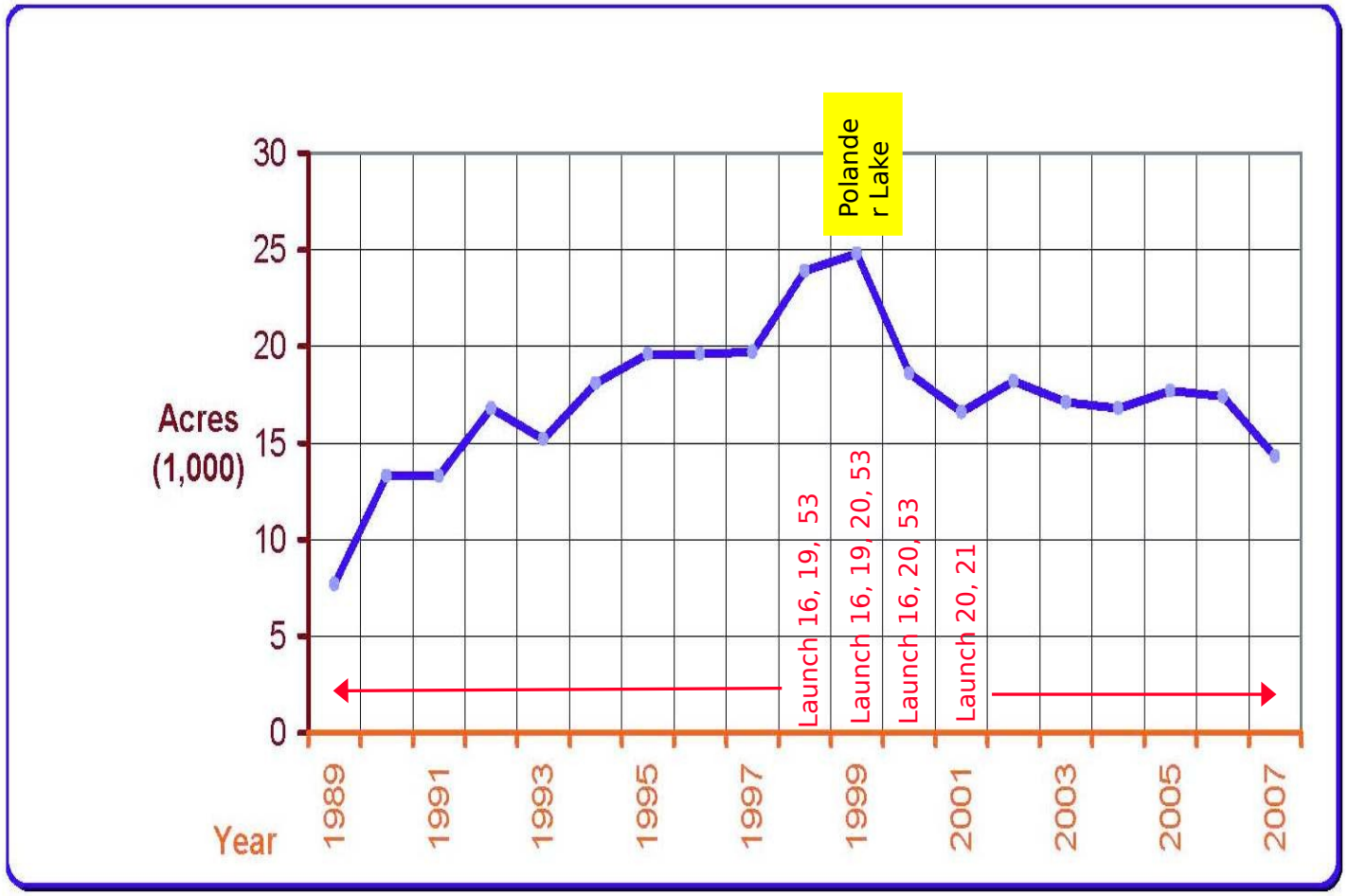
1985 - 2007

YEAR	QUANTITY (1,000 CY)
1985	904.6
1986	322.4
1987	417.1
1988	731.0
1989	410.0
1990	497.0
1991	501.3
1992	735.6
1993	696.9
1994	593.2
1995	1417.4
1996	1190.3
1997	1033.9
1998	1258.9
1999	715.3
2000	911.9
2001	1066.5
2002	936.3
2003	740.2
2004	577.0
2005	1003.2
2006	851.1
2007	604.1



Survey Acreage History
1989 - 2007

YEAR	ACRES
1989	7.7
1990	13.3
1991	13.3
1992	16.8
1993	15.2
1994	18.1
1995	19.6
1996	19.6
1997	19.7
1998	23.9
1999	24.8
2000	18.6
2001	16.6
2002	18.2
2003	17.1
2004	16.8
2005	17.7
2006	17.4
2007	14.3



2007 Channel Mgmt & Placement Site Activity Summary

2007 CHANNEL MANAGEMENT & PLACEMENT SITE ACTIVITES SUMMARY - ST PAUL DISTRICT								
POOL	DESCRIPTION OF WORK	WORK TYPE	RIVER MILE	DATES	EQUIP	DREDGING (CY)	ROCK (TONS)	COMMENTS/NOTES
4	Teepeeota Unloading/LD4 Embankment	EX	757.5-LWT	12 Sep - 5 Oct	CM/MR	39,000		CM hauled material from Teepeeota Point to LD4 Embank; M&R shaped with dozer; M&R placed rock groins on berm. Only east berm completed.
4	Alma Marina Landscaping	LS	754.0-LWP	June/July	MR			Placed boulders along fence and mulch around trees.
7	Dakota Island Closure	DR/CL	706.5-RMT	10 Apr - 2 May	MR	6,100		Material dredged from Lower Dresbach Is and used for closure.
8	Above Brownsville Unloading	EX/IS	690.4-LWT	Jul - Sep	MR			Unloaded material for Pool 8 Ph III Stg 2A islands.
8	Brownsville Landscaping	LS	688.7-RMP	Oct	MR/CT			Installed berm on NW side. Planted trees for visual barrier.
9	Lansing Hwy Bridge Preparation	RE	663.5-LWP	Aug	MR			Prepared site for dredging operations.
10	Heitman Property	LS	618.0-RIP	July	CT			Remove dead/dying cottonwood trees.

Key

BS	Bank Stabilization	CH	Contract Hydraulic
CL	Closure	CM	Contract Mechanical
DR	Dredging	CT	Contract or Purchase Order
DS	Drop Structure	DBQ	COE Dredge Dubuque
EX	Excavation	MR	COE Maintenance & Repair Unit
FB	Fabrication	GTZ	COE Dredge Goetz
IN	Installation	IDNR	Iowa Department of Natural Resources
IS	Island	MDNR	Minnesota Department of Natural Resources
LS	Landscaping	WDNR	Wisconsin Department of Natural Resources
RE	Reshaping	RNR	COE Natural Resource Management Project Office
WD	Wing Dam		
SM	Structure Modification		

LD4 Embankment

LD4 Embankment (cont)

2008 C&H Management Activities

- New Mechanical Dredging Contract
- MN - Develop Cargill East River
- Pool 2 – Southport
- Pool 3 – Corps Island Unloading → Pierce County Pit
- Up Pool 4 – Cut 5 and RWWL
- Pool 4 – Reads and Crats Bank Stabilization
- Pool 4 – Teepeeota Unloading → Bennett Pit
- Pool 4 – LD4 Embankment
- Pool 5 – Fisher Unloading → Burmeister Property
- Pool 8 – Abv Brownsville Unloading → Pool 8 Phase III Stg 2

Looking forward to another trusting & cooperative year

managing OUR Mississippi River resources.